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RURAL DISTRICT OF WAYLAND



THE

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

TOGETHER WITH

THE

REPORTS

OF THE

PUBLIC HEALTH INSPECTORS

AND

WATERWORKS ENGINEER

1958.

S T A F F.

Medical Officer of Health:

ROBERT N. C. McCURDY

M.B., Ch.B., D.P.H.

Public Health Inspector and
Inspector under Petroleum Acts:

A. T. BOORE

M.R.S.H., F.A.P.H.I.

(Also holds the Certificate for the Inspection
of Meat and other Foods).

Additional Public Health Inspector:

A. E. SHELDRAKE

M.A.P.H.I.

Pupil Public Health Inspector:

A. G. WEBSTER

Chief Waterworks Engineer:

M. G. M. SHORT

A. I. W. E.

Committees concerned with matters of Public Health:

WATER AND SEWERAGE COMMITTEE.

PUBLIC HEALTH COMMITTEE.

HOUSING COMMITTEE.

GENERAL STATISTICS.

[illegible]

Mr. Chairman, My Lords, Ladies and Gentlemen,

I have the honour to submit my Annual Report for the year 1958.

Milk and Dairies Regulations 1949, Regulation 20.

At the beginning of the year restrictions were in force on the sale of milk found to be infected with tubercle bacilli from nine herds. These restrictions remained in force at the end of the year.

Food Poisoning.

Four cases of food poisoning were notified, but the cause was not ascertained.

MEDICAL STATISTICS.

BIRTHS.

	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Live Births	183	169	352
Stillbirths	3	3	6

POPULATION AT MID-YEAR, BIRTHS, BIRTHRATE,
STILLBIRTHS, STILLBIRTHS RATES DURING THE
PAST FIVE YEARS.

	<u>1954.</u>	<u>1955.</u>	<u>1956.</u>	<u>1957.</u>	<u>1958.</u>
Population	20,400	20,000	19,740	19,740	19,640
Births	309	306	315	321	352
Birthrate per 1000 of population	15.1	15.3	15.9	16.3	17.9
Stillbirths	4	9	15	14	6
Stillbirth rate per 1000 of population	0.19	0.45	0.76	0.71	0.31
Stillbirth rate per 1000 total births	12.8	28.6	45.45	41.8	16.8

DEATHS

	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
All ages	98	102	200
Infants under 1 year	4	6	10

CAUSES OF DEATH OF INFANTS UNDER 1 YEAR.

<u>Cause</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Prematurity	3	4	7
Haemolytic disease of the newborn	0	1	1
Congenital heart disease	0	1	1
Meningitis	1	0	1

POPULATION OF MID-YEAR, DEATHS, DEATHRATE,
INFANT DEATHS AND INFANT MORTALITY RATE,
DURING THE PAST FIVE YEARS.

	<u>1954.</u>	<u>1955.</u>	<u>1956.</u>	<u>1957.</u>	<u>1958.</u>
Population	20,400	20,000	19,740	19,740	19,640
Deaths	189	197	219	193	200
Deathrate per 1000 of population	9.3	9.8	11.1	9.8	10.2
Infant Deaths	5	6	2	11	10
Infant Mortality Rate per 1000 . . .					
Live Births	15.9	19.6	6.35	34.3	28.4

DEATHS FROM CERTAIN SELECTED CAUSES
DURING THE PAST FIVE YEARS.

<u>Cause</u>	<u>1954.</u>	<u>1955.</u>	<u>1956.</u>	<u>1957.</u>	<u>1958.</u>
Tuberculosis	5	1	0	1	3
Bronchitis and Pneumonia	12	14	14	19	16
Other Notifiable Infectious Diseases	0	0	0	0	0
Motor Vehicle and other accidents	10	7	6	10	6
Pregnancy, Childbirth and Abortion	0	0	1	0	0
Cancer, of lung and bronchus	1	5	11	2	2
Cancer, other sites	27	22	29	30	30

DEATHS ACCORDING TO AGES (Compiled from
Returns submitted by the District Registrar.)

<u>Age Group.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Under 1 Year	4	6	10
1 and under 5	0	0	0
5 " " 10	0	2	2
10 " " 20	0	1	1
20 " " 30	3	0	3
30 " " 40	2	2	4
40 " " 50	1	7	8
50 " " 60	10	5	15
60 " " 70	23	16	39
70 " " 80	36	31	67
80 " " 90	17	22	39
90 and over	2	10	12
	<hr/>	<hr/>	<hr/>
Totals	98	102	200

CAUSES OF DEATH AT AGES ABOVE 1 YEAR AND BELOW 50.

<u>Age Group.</u>	<u>Cause.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
5 to 10	Aplastic anaemia	0	1	1
	Road accident	0	1	1
10 to 20	Fibrocystic disease of lungs	0	1	1
20 to 30	Accidental drowning	2	0	2
	Tuberculosis	1	0	1
30 to 40	Motor neurone disease	1	0	1
	Malabsorption syndrome	1	0	1
	Coronary thrombosis	0	1	1
	Gastric carcinoma	0	1	1
40 to 50	Cardiac Failure	0	1	1
	Coronary thrombosis	1	0	1
	Motor neurone disease	0	1	1
	Suicide	0	2	2
	Hodgkins disease	0	1	1
	Tetanus	0	1	1
	Death following operation	0	1	1

DEATHS FROM ALL CAUSES (Registrar General's Short List).

<u>List No.</u>	<u>Cause.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
1	Tuberculosis, respiratory	2	0	2
2	Tuberculosis, other	0	1	1
3	Syphilitic disease	1	0	1
4	Diphtheria	0	0	0
5	Whooping Cough	0	0	0
6	Meningococcal infections	0	0	0
7	Acute Poliomyelitis	0	0	0
8	Measles	0	0	0
9	Other infective and parasitic Diseases	0	1	1
10	Malignant neoplasm, stomach	1	1	2
11	Malignant neoplasm, lung bronchus	2	0	2
12	Malignant neoplasm, breast	0	4	4
13	Malignant neoplasm, uterus	0	1	1
14	Other malignant and lymphatic neoplasms	11	12	23
15	Leukaemia, aleukaemia	0	0	0
16	Diabetes	1	2	3
17	Vascular lesions of nervous system	13	15	28

DEATH FROM ALL CAUSES (Continued)

<u>List No.</u>	<u>Cause.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
18	Coronary disease, angina	16	15	31
19	Hypertension with heart disease	3	4	7
20	Other heart disease	10	9	19
21	Other circulatory disease	10	5	15
22	Influenza	0	0	0
23	Pneumonia	8	8	16
24	Bronchitis	0	0	0
25	Other diseases of respiratory system	2	0	2
26	Ulcer of stomach and duodenum	1	0	1
27	Gastritis, enteritis and diarrhoea	0	0	0
28	Nephritis and nephrosis	0	0	0
29	Hyperplasia of prostate	1	0	1
30	Pregnancy, childbirth, abortion	0	0	0
31	Congenital malformations	1	2	3
32	Other defined and ill-defined diseases	13	16	29
33	Motor Vehicle accidents	0	1	1
34	All other accidents	2	3	5
35	Suicide	0	2	2
36	Homicide and operations of war	0	0	0
	All causes	98	102	200

THE FOLLOWING TABLE COMPARES BIRTHRATES, DEATHRATES &C.

OF THIS DISTRICT WITH THOSE OF ENGLAND AND WALES AND OF THE ADMINISTRATIVE COUNTY OF NORFOLK IN 1958.

	<u>England and Wales.</u>	<u>Norfolk.</u>	<u>District.</u>
Birthrate	16.4	15.5	17.9
Stillbirth rate per 1000 total births	21.6	18.9	16.8
Deathrate	11.7	11.6	10.2
Infant mortality rate per 1000 live births	22.5	17.9	28.4.
Tuberculosis deathrate per 1000 population	0.10	0.06	0.15
Lung Cancer deathrate per 1000 population	0.44	0.30	0.10

INFECTIOUS DISEASES NOTIFIED
DURING THE LAST FIVE YEARS.

	<u>1954.</u>	<u>1955.</u>	<u>1956.</u>	<u>1957.</u>	<u>1958.</u>
Tuberculosis, all sites	10	18	8	7	9
Scarlet fever	3	6	4	6	4
Whooping Cough	73	88	46	118	4
Erysipelas	0	3	0	1	1
Ophthalmia neonatorum	0	0	0	0	1
Dysentery	2	14	2	5	2
Measles	335	18	207	323	176
Poliomyelitis	11	3	0	2	0
Pneumonia	24	13	19	16	10
Puerperal pyrexia	1	1	0	0	0
Food Poisoning	4	0	0	2	4
Infectious jaundice	7	2	1	4	0
Meningitis	0	1	0	2	0
Encephalitis	0	0	0	1	0

INFECTIOUS DISEASES NOTIFIED IN 1958 BY AGES.

<u>Diseases.</u>	<u>Under</u> <u>1 Yr.</u>	<u>1-5.</u>	<u>5-10.</u>	<u>10-15.</u>	<u>15-25.</u>	<u>25-45.</u>	<u>45-65.</u>	<u>Over</u> <u>65.</u>	<u>Total.</u>
Tuberculosis, all sites	0	0	0	0	3	3	2	1	9
Scarlet fever	0	2	2	0	0	0	0	0	4
Whooping Cough	0	3	1	0	0	0	0	0	4
Erysipelas	0	0	0	0	0	0	1	0	1
Ophthalmia neonatorum	1	0	0	0	0	0	0	0	1
Dysentery	0	0	0	0	0	1	1	0	2
Measles	5	51	106	13	1	0	0	0	176
Pneumonia	0	0	1	0	2	1	2	4	10
Food Poisoning	1	0	1	1	0	1	0	0	4

INFECTIOUS DISEASES NOTIFIED IN 1958. BY MONTH OF NOTIFICATION.

<u>Diseases.</u>	<u>Jan.</u>	<u>Feb.</u>	<u>Mch.</u>	<u>Apl.</u>	<u>May.</u>	<u>Jun.</u>	<u>Jly.</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>Total.</u>
Tuberculosis, all sites	2	0	2	1	0	1	1	0	1	0	0	1	9
Scarlet fever	0	0	0	1	2	1	0	0	0	0	0	0	4
Whooping Cough	0	0	0	0	1	0	0	0	0	0	3	0	4
Erysipelas	0	0	1	0	0	0	0	0	0	0	0	0	1
Ophthalmia neonatorum	0	0	0	0	0	1	0	0	0	0	0	0	1

INFECTIOUS DISEASES NOTIFIED IN 1958.
BY MONTH OF NOTIFICATION. (Continued)

<u>Diseases.</u>	<u>Jan.</u>	<u>Feb.</u>	<u>Mch.</u>	<u>Apr.</u>	<u>May.</u>	<u>Jun.</u>	<u>Jly.</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>Total.</u>
Dysentery	0	0	0	2	0	0	0	0	0	0	0	0	2
Measles	11	22	74	48	2	7	10	2	0	0	0	0	176
Pneumonia	0	0	3	1	2	0	0	0	1	0	1	2	10
Food poisoning	1	0	0	1	1	0	0	0	1	0	0	0	4

INFECTIOUS DISEASES NOTIFIED IN 1958.
ACCORDING TO PARISHES.

	<u>Tuberculosis, all sites.</u>	<u>Scarlet fever.</u>	<u>Whooping Cough.</u>	<u>Erysipelas.</u>	<u>Ophthalmia neonatorum.</u>	<u>Dysentery.</u>	<u>Measles.</u>	<u>Pneumonia.</u>	<u>Food Poisoning.</u>
Attleborough	2	2	1	1	0	0	116	1	1
Banham	0	0	0	0	0	0	7	0	0
Besthorpe	0	1	0	0	0	0	13	0	0
Blo'Norton	0	0	0	0	0	0	0	0	0
Brettenham	0	0	0	0	0	0	0	0	0
Bridgham	0	0	0	0	0	0	0	0	0
Buckenham New	0	0	0	0	0	0	2	0	0
Buckenham Old	0	0	2	0	0	2	1	4	1
Carbrooke	0	0	0	0	0	0	0	0	0
Caston	1	0	0	0	0	0	0	0	0
Croxton	0	0	0	0	0	0	0	1	0
Eccles	1	0	0	0	0	0	3	0	0
Ellingham Great	0	0	0	0	0	0	3	0	1
Ellingham Little	0	0	0	0	0	0	1	0	0
Garboldisham	0	0	0	0	0	0	0	0	0
Griston	0	0	0	0	0	0	0	0	0
Harling	0	0	0	0	0	0	0	0	0
Hockham	0	0	0	0	0	0	0	2	0
Kenninghall	0	0	1	0	0	0	0	0	0
Kilverstone	0	0	0	0	0	0	0	1	0
Lopham North	0	0	0	0	0	0	0	0	0
Lopham South	0	0	0	0	0	0	0	0	1
Merton	0	0	0	0	0	0	0	0	0
Ovington	0	0	0	0	0	0	0	0	0
Riddlesworth	0	0	0	0	0	0	0	0	0
Rocklands	0	0	0	0	0	0	13	0	0
Roudham	1	0	0	0	0	0	0	0	0
Scoulton	0	0	0	0	0	0	5	0	0
Shropham	0	0	0	0	0	0	0	1	0
Snetterton	0	0	0	0	0	0	0	0	0
Stow Bedon	0	0	0	0	0	0	0	0	0
Thompson	0	0	0	0	0	0	0	0	0
Tottington	0	0	0	0	0	0	0	0	0
Watton	4	1	0	0	0	0	12	0	0
Wretham	0	0	0	0	1	0	0	0	0
Totals	9	4	4	1	1	2	176	10	4

THE FOLLOWING TABLE SHOWS THE NUMBER OF CASES
ON THE TUBERCULOSIS REGISTER AT 31ST. DECEMBER,
1958, COMPARED WITH 31ST. DECEMBER, 1957.

	<u>Pulmonary.</u>			<u>Non-Pulmonary.</u>			<u>Grand</u> <u>Total.</u>
	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>	
31.12.57	46.	44.	90	30.	22.	52.	142.
31.12.58	47.	35.	82.	29.	19.	48.	130.

I should like to thank the Chairman and Members of the Council, and my colleagues on the Staff, for their continued support and help during the year.

I have the honour to be,
Your obedient Servant,

ROBERT N. C. McCURDY,
Medical Officer of Health.

REPORT OF PUBLIC HEALTH INSPECTOR.

FOR THE YEAR 1958.

Mr. Chairman, My Lords, Ladies and Gentlemen,

I have the honour to present my eighth Annual Report in respect of the year 1958, a year in which the breakdown in the meat inspection service, foreseen in my last Annual Report, became a reality.

The demands of this service continued to increase to such an extent that by the end of June, 24,076 animals had been inspected as compared with a total of 38,029 for the whole of 1957.

It was with the greatest reluctance that the Council decided that from the end of June, meat inspection duties would be restricted so as to ensure that all meat for consumption within the Rural District would be inspected as hitherto and that a system of detention by the slaughterhouse staff, followed by inspection by the Council's Officers, be introduced at the Abattoir at Watton.

This system, whilst it cannot be regarded as completely satisfactory, was operated conscientiously and with a large measure of success for the remainder of the year, during which a further 6,540 animals were inspected (making a total of 30,616 for the year.)

Numerous conferences and discussions at various levels seem to have added weight to my contention in last years' Report that the real solution to this nation-wide problem lies in the control of slaughtering within reasonable hours and to bring about this desirable measure it may even be necessary to start with the rearrangement of live-stock sales and to ensure the provision of adequate cold-storage accommodation at least at wholesale slaughtering establishments.

The result of the restricted meat inspection service was that, although too much time is still taken up by meat inspection, your Public Health Inspectors were able to devote more time to statutory duties in the second half of the year.

Another problem, allied to that of meat inspection, being discussed on a national basis, is that of the inspection of poultry at the time of slaughter and it is anticipated that in due course it will become obligatory for local authorities to provide such an inspection service.

FOOD

(a) Meat.

During the year 1308 inspection visits were made, one eighth of them outside normal working hours.

The following table gives details of inspections and condemnations at the six slaughterhouses in use :-

	<u>Cattle</u> <u>Excluding</u> <u>Cows</u>	<u>Cows</u>	<u>Calves</u>	<u>Sheep</u> <u>and</u> <u>Lambs</u>	<u>Pigs</u>	<u>Sows</u>	<u>Boars</u>	<u>Totals.</u>
Number Inspected.	1705	396	248	2518	22028	3107	614	30,616
<u>All diseases except</u> <u>Tuberculosis & Cysticerci.</u>								
Whole carcasses condemned.	3	9	8	12	94	14	-	140
Carcases of which some part or organ was condemned.	184	114	12	28	341	185	10	874
<u>Tuberculosis</u> <u>only.</u>								
Whole carcasses condemned.	9	8	1	-	-	-	-	18
Carcases of which some part or organ was condemned.	50	28	-	-	203	76	6	363
<u>Cysticercosis</u>								
Carcases of which some part or organ was condemned.	1	-	-	-	-	-	-	1

WEIGHT CONDEMNED.

Edible Offal.	16247 lbs.
Meat	26086 lbs.
Total	42333 lbs. (18 tons 17 cwts. 3 qrs. 25 lbs.)

Slashing and staining of condemned meat and disposal by steam digestion in approved plants was continued as in previous years.

No case of disease notifiable under the Diseases of Animals Acts was found.

It was noted during the latter part of the year, that there was a growing tendency on the part of butchers to buy meat "from the hook" rather than animals for slaughter in their own small slaughterhouses.

There was also a marked improvement in the standard of hygiene in the handling and transport of meat.

(b) Miscellaneous Foods.

Over two hundred-weights of other foodstuffs was condemned as unfit for human consumption at various food premises, as follows :-

1 x 4 lb	Tin of C.C. Beef
5 x 6 lb	Tins " C.C. Beef
4 x 12 oz	" " C.C. Beef
3 x 1 lb	" " C.C. Beef
1 x 6 lb	Tin " Jellied Veal
1 x 12 oz	" " Meat Loaf
1 x 4 lb	" " Minced Pork
13 lbs	" Cooked Ham
56 lbs	" Haddock Fillets
70 lbs	" Cod Fillets

3 x 1 lb	Tin	of	Pears
1 x 29 oz	"	"	"
4 x 30 oz	Tins	of	Peaches
5 x 14 oz	"	"	"
4 x 1 lb	"	"	"
3 x 1 lb	"	"	Pineapple
4 x 12 oz	"	"	"
5 x 6 oz	"	"	Tomatoes
3 x 14 oz	"	"	Red Cherries
3 x 20 oz	"	"	Plums
20 lbs of Currants.			

(c) Food Premises.

The following table classifies the food premises in the District :-

<u>Restaurants</u>	<u>Hotels</u>			<u>Fish</u>	<u>Greengrocery</u>
<u>Cafes and</u>	<u>Guest</u>			<u>Poultry</u>	<u>General Stores</u>
<u>Canteens</u>	<u>Houses</u>	<u>Butchers</u>	<u>Bakers</u>	<u>and</u>	<u>Confectioners.</u>
	<u>Public Houses</u>			<u>Fried Fish.</u>	
	<u>and Clubs.</u>				

15	82	18	16	13	97
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Registrations of premises under Section 16 of the Food and Drugs Act, 1955 total 56, an increase of six during the year.

In addition, 28 persons are registered as Distributors of Milk under the Milk and Dairies Regulations and 32 are licenced as Dealers under the Milk (Special Designations) Regulations.

During the year 131 visits were made to food premises under the Food Hygiene Regulations, and whilst in many instances advice was given as to improvement of standards of hygiene, the standard generally was found to be better than in previous years.

Water Supplies.

The wisdom of the Council in continuing to extend their water scheme was again illustrated by the fact that of the 18 shallow wells sampled only 4 returned "satisfactory" analysts' reports.

Of the 14 unsatisfactory supplies, 5 were found to be satisfactory after remedial works to the well had been carried out, 6 were replaced by connections to the Council's mains and 3 were undergoing remedial works at the end of the year.

Distribution of Milk.

With the advent of the Milk (Special Designations) (Specified Areas) No. 2. Order 1957 which had the effect of prohibiting the sale of undesignated milk in this District, I drew attention to what appears to be a serious loop-hole in the legislation, particularly in agricultural areas such as this one.

It was pointed out that the provisions which exempt from the Order, milk sold by the producer to "persons employed by him in or in connection with such production or employed by him otherwise in agriculture", will result in quite a large proportion of the population in villages and hamlets obtaining milk which is not "Designated Milk."

This loop-hole becomes wider where often more than one farm is in the ownership or occupation of one person and virtually a majority of the local inhabitants are employed in or in connection with agriculture.

Swimming Pools.

Occasional sampling of Loch Neaton Swimming Pool at Watton, (which was not so extensively used owing to inclement weather during the season) showed that a fair standard was maintained. On occasions it was deemed to be unsuitable for use by official bathing parties from schools.

Proposals by the Parent Teacher Association to provide a "learner" pool at Attleborough School were considered by the Council to be unsatisfactory on the grounds that manual chlorination was to be carried out and that the filling system did not ensure adequate 'changing' of the water.

Representations were accordingly made to the Education Authority in the hope that a better equipped pool would be provided.

Moveable Dwellings.

During the year seven new caravan licences were issued and whilst everything is done to ensure the provision of every possible amenity by licence conditions, this form of dwelling (which cannot be regarded as entirely suitable as a family home) is becoming increasingly popular, particularly in areas such as this one, where the provision of married quarters for service personnel falls far short of requirements.

River Pollution.

At Watton, the Council's scheme of free re-connection to the new sewer of properties formerly connected to the old sewer, has resulted in a very marked improvement in the condition of the local river and at Attleborough the continued operation of the sewage disposal works, re-opened in 1957, has contributed much to cleaning up the river south of the town.

Sewerage - General.

The unusually wet season caused difficulties in connection with the efficient drying of sludge, particularly at Watton Sewage Disposal Works. This process was assisted by providing an additional layer of stone on the drying beds and by the employment of additional labour at the works at intervals.

Torrential rain on two occasions during the year resulted in the Watton sewers being surcharged with surface water and power mains failures put the sewage pumps out of action on several occasions.

As a result the Council provided low voltage protection equipment at the pumping stations.

Safety fences were provided at all the Council's sewage disposal works during the year.

In addition a second ditcher was engaged to deal with foul ditches.

Infectious Diseases.

It is gratifying to report that for eight months of the year no action was necessary in connection with the prevention of spread of infectious diseases. In fact only 7 cases and 1 contact of infectious disease were dealt with during the year.

One terminal fumigation was done.

Factories Act, 1937 - Section 34.

Surveys in connection with the issue of Certificates of means of Escape in Case of Fire have been carried out at three factories in conjunction with the Fire Services.

Public Conveniences.

During the year the Council agreed to carry out repair and redecoration of the Watton conveniences at an estimated cost of £220. This restoration work became necessary almost entirely as a result of malicious damage by the public.

Refuse Collection and Disposal.

The collection and disposal of domestic refuse continued satisfactorily as in former years some small extensions having been made during the year. One consignment of salvage was sold for £15. 16s. 6d.

Night Soil Collection and Disposal.

This service continued as in former years, and the Council considered the possibility of extending the service to the whole of the District but found that the cost would be prohibitive.

Infested Premises.

Two infestations of dwellinghouses by flies were dealt with, in each case cluster flies had infested the roof space.

Drainage of Premises.

Fifteen new drainage systems were inspected and passed and in 24 additional cases advice was given in connection with the improvement of existing systems.

Dangerous Structures.

One dangerous structure, a house chimney, was dealt with as a result of informal approach to the owner concerned.

Certificates of Disrepair.

Seven applications were received in respect of certificate of Disrepair and in all cases the terms of undertakings given were carried out by the owners.

Petroleum Storage Installations.

All new petroleum installations were tested and passed before storage licences were issued.

Rodent Control.

All duties under the Prevention of Damage by Pests Act were carried out as in previous years and the co-operation of the public is still evident, doubtless largely as a result of the fact that a free service is given at domestic premises.

The following table shows the numbers of properties inspected and treated :-

<u>Properties Inspected.</u>				<u>Properties Treated.</u>			
<u>L.A.</u>	<u>Dwelling-</u> <u>Houses.</u>	<u>Business</u> <u>and</u> <u>other.</u>	<u>Agricul-</u> <u>tural.</u>	<u>L.A.</u>	<u>Dwelling-</u> <u>Houses.</u>	<u>Business</u> <u>and</u> <u>other.</u>	<u>Agricul-</u> <u>tural.</u>
29	4002	341	260	10	2808	77	53
<u>Inspections Carried Out.</u>				<u>Treatments Carried Out.</u>			
38	4284	341	261	11	2818	79	54

General.

A total of 3,984 inspection visits for all purposes were carried out by the Public Health Staff during the year and whilst it cannot be claimed that all aspects of all statutory duties have been covered, it is felt that much has been done despite the heavy demands of the meat inspection service.

Once again, I record with gratitude and pleasure the loyal assistance given by the entire Staff under my direction particularly by Mr. Sheldrake the additional Public Health Inspector.

The consideration and tolerance shown by the Council and the Staffs of other Departments is also acknowledged with gratitude.

A. T. Booth
Senior Public Health Inspector.

WAYLAND RURAL DISTRICT COUNCIL : WATER DEPARTMENT.

REPORT OF THE WATERWORKS ENGINEER FOR THE YEAR 1958.

Mr. Chairman, My Lords, Ladies and Gentlemen,

I beg to submit my report for the year 1958.

The total amount of water raised during the year was 206,333,277 gallons.

The average daily consumption per head including trade use was 30 gallons per day.

242 premises and farms have been connected to the mains during the year.

The connections in each parish are as follows :-

	<u>Domestic.</u>	<u>Meter.</u>
Attleborough	870	116
Banham	228	59
Besthorpe	98	23
Blo Norton	52	29
Brettenham	32	2
Bridgham	55	11
Buckenham, New	119	12
Buckenham, Old	235	58
Carbrooke	125	26
Caston	79	23
Croxton	64	10
Eccles/Hargham/Quidenham/Wilby	121	28
Ellingham, Little	60	26
Ellingham, Great	136	32
Garboldisham	136	35
Griston	42	10
Harling	269	36
Hockham	89	12
Kenninghall	218	51
Larling/Roudham	41	24
Lopham, North	120	32
Lopham, South	90	40
Merton	32	6
Morley	9	1
Ovington	35	14
Riddlesworth/Gasthorpe	26	5
Rockland	117	37
Scoulton	45	13
Shropham	48	12
Snetterton	29	6
Stow Bedon/Breckles	59	20
Thompson	69	11
Watton	596	63
Wretham	30	11
	<u>4374</u>	<u>894</u>

Main laying in the Regional Water Supply Scheme Stages I, II and III has been completed and part of the 8" Rising Main in Stage IV, making a total of some 208 miles of mains.

Site work for the Water Tower at Kenninghall has been completed.

All parishes in the Wayland Rural District have a piped water supply, with the exception of Kilverstone and Illington. These are being supplied by the owners from their own schemes.

The village in the Battle Training Area is not included in this scheme.

LINCOLNE SUTTON & WOOD.

Cert. No. 244.K
Lab. No. 7905/W

24th December, 1958.

CERTIFICATE OF ANALYSIS OF WATER

Sample received from Wayland R.D.C. on 10th. December, 1958.

Marked - Tap in Pumping Station, Old Buckenham.

Appearance when received - Clear.

Nature of deposit - Nil.

Colour - Nil.

Odour - Nil.

Reaction - Alkaline pH 9.5.

Taste - Satisfactory.

RESULTS OF CHEMICAL ANALYSIS IN PARTS PER MILLION

Ammoniacal nitrogen - 0.07	Hardness as CaCO ₃ :	
Albuminoid nitrogen - 0.03	Total	- 115
Nitrate nitrogen - nil	Carbonate (temporary)	- 65
Nitrite nitrogen - 0.06	Non-carbonate (permanent)	- 50
Chlorine as chlorides - 30	Alkalinity as CaCO ₃	- 65

BACTERIOLOGICAL RESULTS

Number of colonies developing per ml. in 48 hrs. at 37°C - 3

Presumptive coliform organisms-Probable No. per 100 ml. - Nil

B. Coli Type 1 ("Faecal")

OPINION

This water is of good organic quality and its bacteriological condition is excellent. It has been softened to a residual hardness of about 8° Clark, 4½° of which is temporary. The reaction is alkaline as usual, but not so much as the previous sample. In our opinion this water is fit for drinking purposes.

for Lincolne Sutton & Wood Ltd.

Eric C. Wood.

LINCOLNE SUTTON & WOOD.

Cert. No. 245.K
Lab. No. 7906/W

24th December, 1958.

CERTIFICATE OF ANALYSIS OF WATER

Sample received from Wayland R.D.C. on 10th December, 1958.

Marked - Chlorine House, Watton Waterworks.

Appearance when received - Clear.

Nature of deposit - Nil.

Colour - Nil

Odour - Nil.

Reaction - Neutral pH 7.1

Taste - Satisfactory.

RESULTS OF CHEMICAL ANALYSIS IN PARTS PER MILLION.

Ammoniacal nitrogen - negligible trace	Hardness as CaCO ₃ :	
Albuminoid nitrogen - 0.03	Total	- 345
Nitrate nitrogen - nil	Carbonate (temporary)	- 295
Nitrite nitrogen - nil	Non-Carbonate (permanent)	- 50
Chlorine as chlorides - 20	Alkalinity as CaCO ₃	- 295

BACTERIOLOGICAL RESULTS.

Number of colonies developing per ml. in 48 hrs. at 37°C - Nil

Presumptive coliform organisms-Probable No. per 100 ml. - Nil

B. Coli Type 1 ("Faecal")

OPINION

This water is of very good organic quality and its bacteriological condition is excellent. The analysis follows the same lines as on previous occasions, the total hardness approximating to 24° Clark, of which all but 3½° is temporary. The reaction of the water is almost exactly neutral. In our opinion this water is fit for drinking purposes.

for Lincolne Sutton & Wood Ltd.

Eric C. Wood.

LINCOLNE SUTTON & WOOD.

Cert. No. 98.J
Lab. No. 6870/W

10th. May, 1958.

BACTERIOLOGICAL EXAMINATION OF WATER

Sample submitted by Wayland R.D.C.
Collected from Cook House, Army.Camp, Wretham on 8th. May, 1958.

Mark	Colonies per ml. on agar at 37°C.	Coliform Organisms (gas in McConkey broth at 37°C)		
		Present in (ml)	Absent in (ml)	Probable No. per 100 ml.
	Nil	-	100	Nil

Remarks :- This result is very satisfactory.

(Signed) Lincolne Sutton & Wood.

LINCOLNE SUTTON & WOOD.

Cert. No. 132.J
Lab. No. 6901-3/W

19th. May, 1958.

BACTERIOLOGICAL EXAMINATION OF WATER

Sample submitted by Wayland R.D.C.
Collected from as under, Southwood Supply on 15th. May, 1958.

Mark	Colonies per ml. on agar at 37°C.	Coliform Organisms (gas in McConkey broth at 37°C)		
		Present in (ml)	Absent in (ml)	Probable No. per 100 ml.
Rushford Church.	Nil	-	100	Nil
Shadwell Estate Office	Nil	-	100	Nil
Brettenham Church	Nil	-	100	Nil

Remarks :- These results are very satisfactory.

(Signed) Lincolne Sutton & Wood.

M. G. M. SHORT
Waterworks Engineer.